

ABSTRACT OF THE DISCLOSURE

A potential difference is applied between  
a movable electrode disposed a facing surface of  
a movable member, which the facing surface confronts  
5 a substrate extended in a predetermined direction or  
a vibrating member supported on the substrate  
vibratably in the predetermined direction, and  
a counter electrode disposed on the substrate or  
the vibrating member so as to confront the movable  
electrode. The applied potential difference causes  
10 an electrostatic force to act such that an apparent  
friction between the vibrating member and the movable  
member is greater than an apparent friction between the  
substrate and the movable member when displacing the  
substrate by vibrating in the predetermined  
15 direction, and thereby the movable member is relatively  
moved in the desired direction on the substrate.